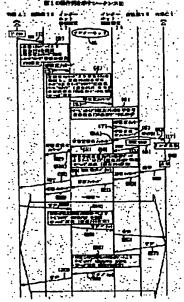(54) **PRIORITY CONTROL METHOD FOR NETWORK SYSTEM**

(57) Abstract

PROBLEM TO BE SOLVED: To provide a priority control method for a network system by which congestion control is executed in the Internet according to the priority set for each extension terminal accommodated in an exchange.

SOLUTION: The priority control method of this invention adopts an exchange 13 accommodating extension terminals 11 and 12, an IP network 16 and a connector 17. When the extension terminal 11 sets up a call via the IP network 16, the exchange 13 informs the connector 17 about a priority class corresponding to the extension terminal 11. The connector 17 acquires a service type corresponding to the informed priority class and stores it as the service type. After setting up, the connector 17 transmits a voice packet to which the stored service type is set to the Internet 16. The Internet 16 executes priority control on the basis of the service type set to the voice packet.